Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 30 Aug 2023 until 23:59 on Thursday 31 Aug 2023

Forecast Issued on Tuesday 29 Aug 2023 at 14:15

Confidence: High confidence for showery conditions on Wednesday, only moderate for the rain and showers on Thursday and Friday.

Headline for Wednesday 30 Aug 2023: Sunny spells and scattered showers.

Mountain weather hazards on Wednesday 30 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Fog	Fog	Light rain showers	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	30%	30%	40%	40%	20%	10%	<05%

Forecast for Wednesday 30 Aug 2023

Weather: Some low cloud overnight, with occasional showers. Low cloud lifting and breaking during the morning, with sunny spells developing, but also with further showers developing. Showers could be heavy with a low risk of thunder, mainly during the morning. Showers then easing through the afternoon, leading to a dry evening.

Chance of cloud-free hill tops above 600m: 40%, becoming 100% by mid-morning.

Low cloud and visibility: Areas of cloud, base 500-600m, during the early hours. This lifting and breaking above the summits during the morning. Visibility mostly very good, but moderate in showers and very poor in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Wednesday 30 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 W	14/18 W	13/18 W	15/20 W	16/23 W	16/22 W	12/18 W	9/14 W	8/12 SW
300	11/17 SW	10/16 W	10/14 W	13/19 W	14/22 W	14/21 NW	10/17 W	7/12 W	5/8 SW
Valley	5/13 SW	5/13 W	5/11 W	8/16 W	11/22 NW	11/21 W	8/17 W	4/11 W	2/7 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	8/5	8/4	9/6	11/8	11/8	10/8	9/6	8/6
300	11/9	10/8	10/8	11/9	14/11	14/12	13/11	11/10	10/9
Valley	11/10	11/10	10/10	12/11	15/13	15/13	14/12	11/10	9/9
Freezing Level*	2000m	1900m	1800m	1800m	1900m	1900m	1900m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate UV levels are likely in sunnier spells, so sun protection is recommended. That said, it will feel chilly early and late on the highest slopes, especially in the wind.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 29 Aug 2023	0.4mm	0.4mm	0.4mm

Forecast for Thursday 31 Aug 2023

Weather: Cloud thickening through the early hours, then lowering later in the morning, with rain likely arriving early afternoon. Rain could be heavy at times, and will most probably linger for the rest of the day. Confidence is only moderate in timings, however.

Maximum wind: Southeasterly 10 mph, gusting 15-20 mph.

Chance of cloud-free hill tops above 600m: 90%, becoming 10-20% for the afternoon and evening.

Low cloud and visibility: Cloud bases lowering later in the morning, to become widespread around 400-500m, perhaps with patches down to 200-300m especially on southeast facing slopes. Visibility good at first, but becoming often poor or very poor in rain and low cloud covering the hills.

Temperature: **Valleys:** Plus 5C becoming plus 18C.
At 600m: Plus 11C.
Freezing level: Above the hills.

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